ABSTRACT

METHOD AND DEVICES FOR TRANSMITTING DATA WITH ACKNOWLEDGEMENT MECHANISM

A first unit successively transmits data blocks destined for a second unit. For at least some of the transmissions of blocks, the second unit returns an acknowledgement signal indicating whether the data block transmitted has been correctly received. The first unit transmits a redundancy block with regard to a block previously transmitted for which the acknowledgement signal received indicates incorrect reception. Each block transmitted is accompanied by an identification signal indicating whether it is a redundancy block. The first unit associates each acknowledgement signal received with a block transmitted in a temporal relation determined with the reception of this acknowledgement signal. In response to the reception of an identification signal inconsistent with an acknowledgement signal previously returned, the second unit returns to the first unit a restart command signal for the transmission of the blocks.

Figure 4